DATA SYSTEMS WORKSHOPS

- **SCHEDULED FOR APRIL 11, 12, 13TH, 2000**

- **ATTENDEES -**

  - **NASA AMES**   **- NASA GLENN**
  - **NASA MARSHALL**   **- AEDC (ARNOLD ENGINEERING DEVELOPMENT CENTER)**
  - **NASA LANGLEY**   **- NASA STENNIS**

- **TYPICAL AGENDA -**

  - CENTER OVERVIEW   - DAS PROJECTS
  - DATA SYSTEMS ARCHITECTURES   - SOFTWARE DEVELOPMENT
  - SOFTWARE CONFIGURATION CONTROL   - CONTROL SYSTEMS
  - DAS HARDWARE   - DYNAMIC DATA SYSTEMS
  - FUTURE DEVELOPMENT   - DAS INSTRUMENTATION ISSUES
  - DATABASES   - DARWIN
  - OPPORTUNITIES FOR COLABORATION   - ISO 9000
  - LAB DEMOS   - TUNNEL TOURS

DAS WORKSHOP
EACH CENTER PRESENTING
DAY 1

- **CENTER OVERVIEWS** - 15 MINUTES EACH
  – DAS AND IT FUNDING
  – MAJOR PROJECTS & UPGRADE SCHEDULES
  – STAFFING
  – CONTRACT SUPPORT MECHANISMS
  – HARDWARE AND SOFTWARE PLATFORMS
  – LIFE CYCLE SUPPORT
- **SYSTEMS DEVELOPMENT** - 30 MINUTES EACH -
  – DATA SYSTEMS AND IT ARCHITECTURES
  – SPECIAL INSTRUMENTATION AND HARDWARE
  – DYNAMIC DATA SYSTEMS
  – TOOLS
- **INSTRUMENTATION SYSTEMS - 30 MINUTES EACH**
  – ESP SYSTEMS
  – DAS FRONT ENDS
  – MINATURE DAS, AMS, TSP, ETC
  – METROLOGY

- **SPECIAL INTEREST GROUP SESSION - 1 HOUR**
  – INFORMAL ROUNDTABLE WORK SESSION ON SELECTED TOPICS OF INTEREST IN INSTRUMENTATION, DRIVERS, ETC.

DAS WORKSHOP
DAY 2

- **ON-LINE AND POST TEST DATA REDUCTION** - 20 MINUTES EACH -
    - OVERVIEW OF CALCULATIONS SUPPORTED
    - DATABASE SYSTEMS
    - DATA ARCHIVING (SHORT TERM) & NETCDF
    - TYPES OF SERVICES PROVIDED TO THE CUSTOMER
    - STANDARDIZATION ACROSS FACILITIES & THE AGENCY
- **FUTURE DEVELOPMENT AND SPECIAL PROJECTS** - 45 MINUTES EACH
    - NEXT GENERATION DAS
    - OPERATING SYSTEMS - REALTIME AND NON-REALTIME
    - DEVELOPMENT TOOLS AND STRATEGIES
    - MERCATOR & WTTDMAS
- **CONTROL SYSTEMS** - 10 MINUTES EACH
    - SYSTEM ARCHITECTURES
    - INTERFACE WITH DAS
    - DEGREE OF AUTOMATION
- **LIFE CYCLE SUPPORT ISSUES** - 15 MINUTES EACH
    - HARDWARE AND SOFTWARE MAINTENANCE
    - ISO 9000
    - ODIN AND ITS IMPACT
    - SOFTWARE CONFIGURATION CONTROL
- **SPECIAL INTEREST GROUP SESSION - 1 HOUR**
    - INFORMAL ROUNDTABLE WORK SESSION ON SELECTED TOPICS OF INTEREST IN SUPPORT ISSUES

DAS WORKSHOP
DAY 3

- **OPPORTUNITIES FOR COLLABORATION** - 30 MINUTES (Some portions closed to NASA and DOD only)

  - AREAS OF NEED

  - STANDARDIZATION OF SOFTWARE AND COMMON DESIGN ARCHITECTURES

  - COLLABORATIVE DEVELOPMENT

  - COMMON CONTRACTS

- **LAB DEMONSTRATIONS** - 1 HOUR

  - NEXT GENERATION DAS

  - MERCATOR & WTTDMAS

  - OTHER CENTERS DEMOS

- **FACILITY TOURS** - 2 HOURS   (OR OPTIONAL WORKING SESSIONS)

  - NTF?

  - 14 X 22 AND 16 FOOT

  - STRUCTURES?

- **SESSION WRAP UP AND ROUNDTABLE** - 30 MINUTES

  - - ALL PARTICIPANTS